

Method of interrogating a radar responder and responder for implementing the method

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Abstract

The present invention relates to a method of interrogating a radar responder and responder for implementing the method. According to the invention, the interrogation signals are sent by at least one radar with recurrent period TR_i, and spaced from each other by a time interval chosen from the set {TR_i- epsilon c, TR_i+ epsilon c}, the value of the parameter epsilon c being specific to the responder for which the interrogation signals are intended. A radar responder according to the invention thus comprises a device (5") for checking whether the signals which it receives are spaced by a duration belonging to the preceding set. The invention is particularly beneficial for real-time monitoring of the trajectory of various moving units on a firing trials range.



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